

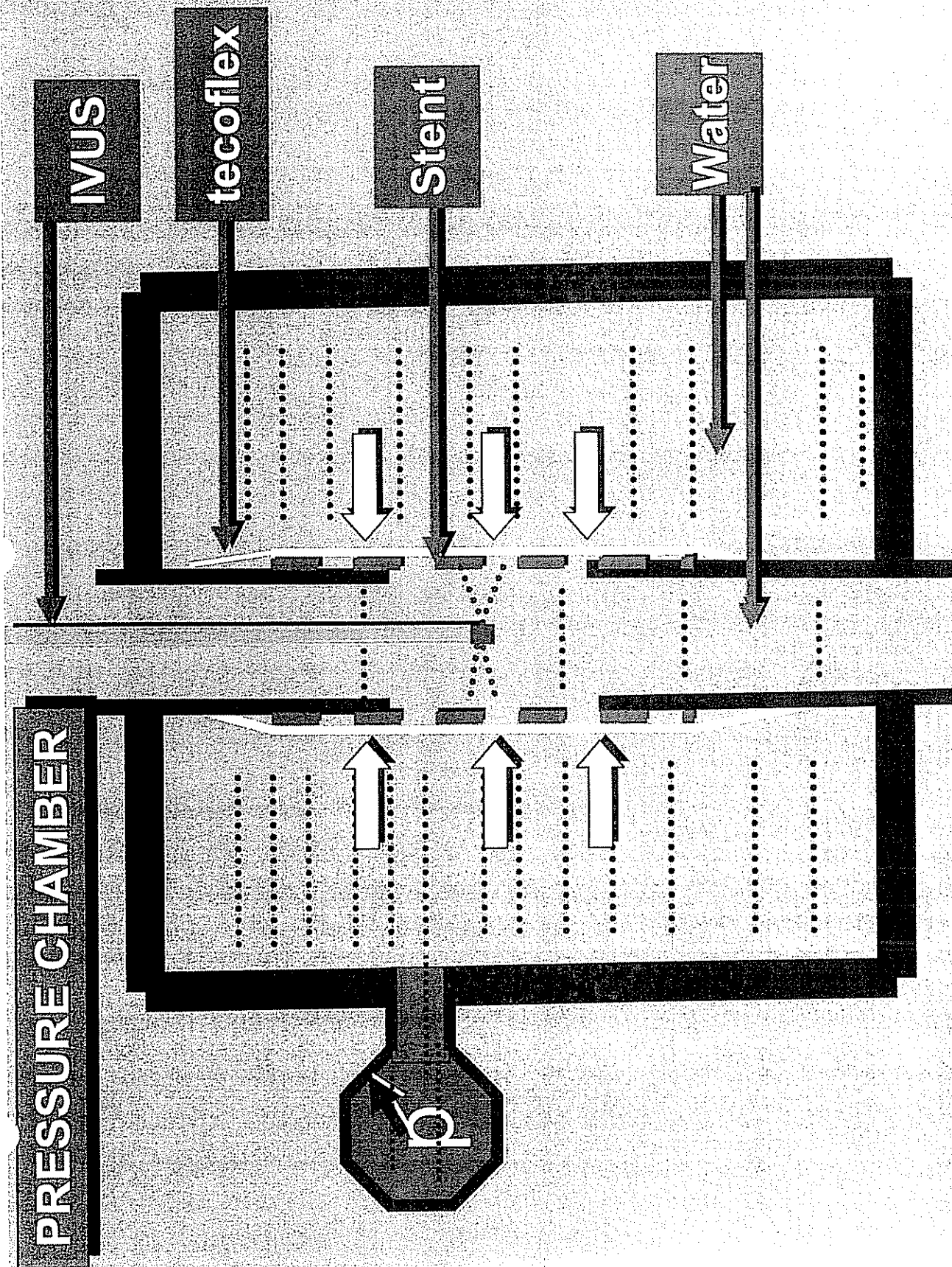
**Stent radial strength is needed especially in calcified, fibrotic, or ostial lesions to:**

**★ Resist compressive forces**

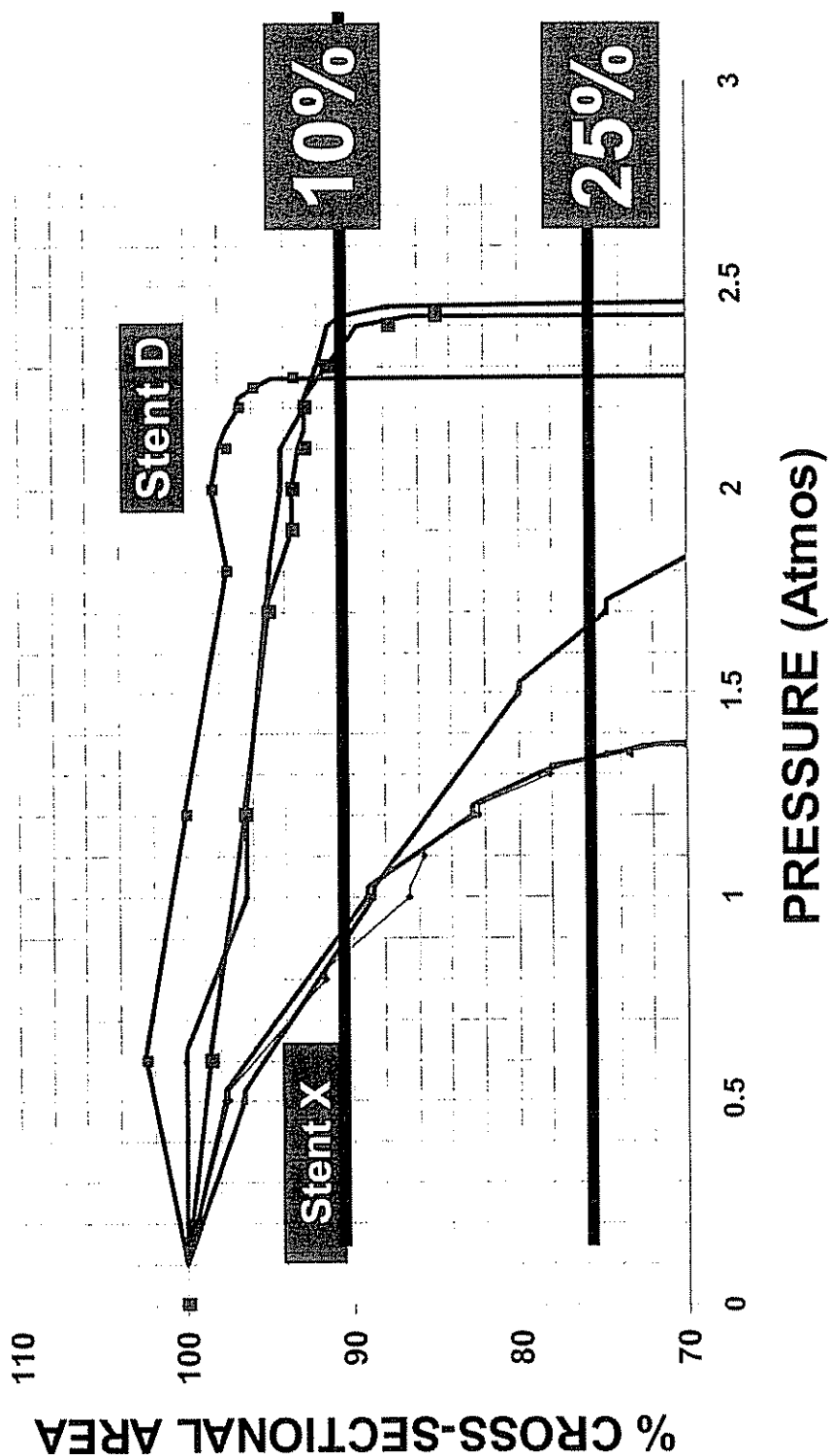
**★ Maintain size**

**★ Maintain circular shape**



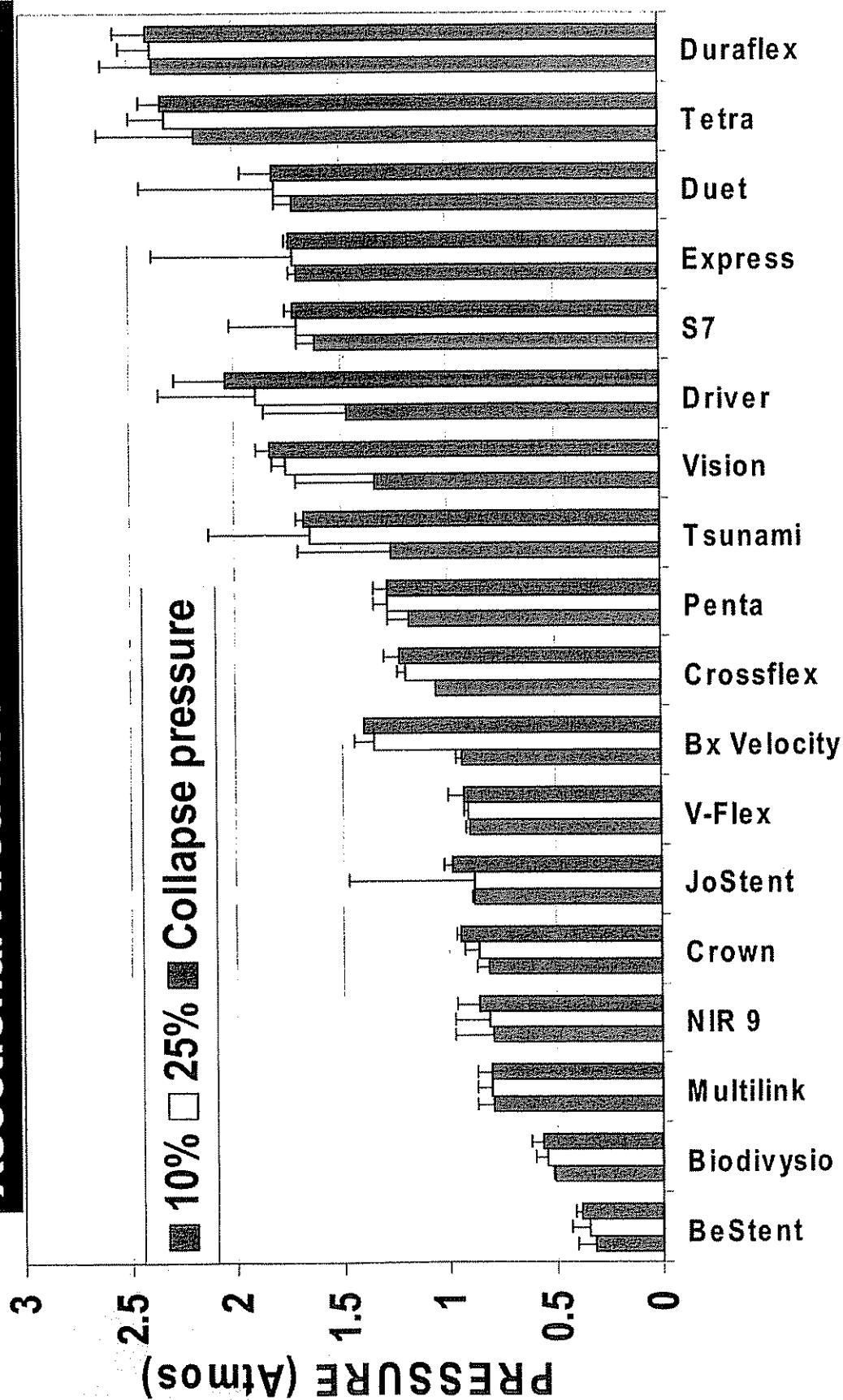


# **% AREA and EXTERNAL PRESSURE (IVUS on benchtop)**





# Radial Strength. External Pressure and Xsectional Area Reduction



For most contemporary stents, cell size is not an issue in bifurcation stenting—an exception is this stent with small and large cells

